

ABSTRACT OF DD 228458

L5 ANSWER 53 OF 89 CA COPYRIGHT 2002 ACS
 AN 105:26172 CA
 TI Continuous dusting of **granulated detergent** products
 IN Moerl, Lothar; Kuenne, Hans Joachim; Krell, Lothar; Kliefoth, Joerg;
 Schmidt, Eberhard; Meinhard, Ruediger; Geitner, Frank; Sieg, Norbert;
 Uhlig, Norbert; Voelker, Cornelia
 PA VEB Waschmittelwerk Genthin, Ger. Dem. Rep.
 SO Ger. (East), 4 pp.
 CODEN: GEXXA8
 DT Patent
 LA German
 IC ICM B01J002-30
 ICS C11D011-00
 CC 46-5 (Surface Active Agents and Detergents)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DD 228458	A1	19851016	DD 1983-258342	19831221
AB	<p> Powd. detergent components and liq. detergent components are added continuously to a fluidized bed of detergent particles (varying in size between powder and granule sizes), and dry granules having sufficient size and d. are removed from the base of the app. to give a granulated detergent having a uniform compn., particle size, and bulk d. Thus, powd. components comprising Na₅P₃O₁₀ 600, calcined soda 150, Na₂SO₄ 390, Na perborate 210, Na disilicate 60, Mg silicate 45, and CM-cellulose 15 kg/h and liq. components comprising dodecylbenzenesulfonic acid 130, fatty acid 85, and nonionic surfactants 15 kg/h were added to a fluidized bed, and granules (90% having particle size 0.7-0.8 mm, bulk d. 600 kg/m²) were removed from the bottom of the fluidized layer. The granules were resistant to agglomeration. </p>				
ST	<p> granulation detergent fluidizing process; agglomeration prevention detergent granule </p>				
IT	<p> Detergents (granulation of powd. and liq. components of, in fluidized bed) </p>				
IT	<p> Agglomeration (prevention of, in granulation of detergents in fluidized bed) </p>				
IT	<p> Granulation (fluidized-bed, of powd. and liq. detergent components in) </p>				

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